

# SAMEER S. KULKARNI

## Software Development Engineer

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### PROFESSIONAL EXPERIENCE

#### Associate Consultant, KPMG Global Services

Oct 2024 - Present

- Developed a Java-based automation framework integrating Selenium WebDriver for UI tests, JUnit and TestNG for unit and functional tests, reducing automation build effort by 40%.
- Transformed the framework into a modularized Spring Boot web application with a microservices architecture, boosting deployment efficiency by 20%.
- Deployed the application on Microsoft Azure Cloud, ensuring optimal performance, scalability, and security compliance.

#### Analyst, KPMG Global Services

Nov 2022 - Sep 2024

- Automated over 500 test cases using Opkey across platforms like Workday and Oracle, covering modules such as ERP, SCM, HCM, and EPM.
- Implemented a scheduled process solution for Oracle, introducing desktop-based automation and saving 70% in time and effort.
- Created over 900 reusable libraries within Opkey, enhancing efficiency and promoting reusability.

### EDUCATION

#### Bachelor of Engineering

Oct 2018 - Oct 2022

Bapuji Institute of Engineering and Technology, Davangere

- Major in Computer Science and Engineering

### PROJECTS

#### Buyer-Supplier Mapper Application using Spring Boot

Oct 2024 - Feb 2025

- Engineered a Spring Boot application integrated with a dynamic PostgreSQL database and a robust matching algorithm.
- Developed JWT-based authentication for secure user sessions and implemented one-to-one mapping of buyers and suppliers.
- Utilized React.js for an interactive and responsive front-end, enhancing user engagement and application usability.

#### Automation Framework Development using Java

Jul 2024 - Oct 2024

- Designed a comprehensive Java-based testing framework integrating JUnit, Selenium WebDriver, and TestNG for unit, UI, and functional tests.
- Created an all-in-one solution enabling seamless execution of various tests within a unified workspace, improving testing speed and accuracy.

#### Domain based Test Automation

Dec 2022 - Jul 2024

- Automated 500+ test cases for Workday and Oracle platforms, covering ERP, SCM, HCM, and EPM modules, achieving 70% time savings in testing.
- Built an extensive reusable library of over 900 tests, significantly enhancing testing efficiency and consistency.

### SKILLS

- Programming Languages: Java, JavaScript
- Frameworks/Tools: Spring Boot, React.js, Selenium, JUnit, TestNG, Opkey
- Database: PostgreSQL
- Cloud/DevOps: Microsoft Azure, RESTful APIs, Microservices
- Certification: ISTQB Certified